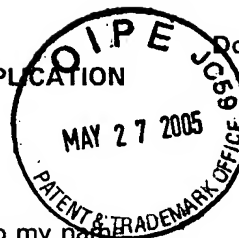


COMBINED DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY



Docket No. P2830P1C1

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or X was filed on September 4, 2001 as Application Serial No. 09/946,374 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Priority Claimed
Yes No

Number	Country	Day/Month/Year Filed
--------	---------	----------------------

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

PLEASE SEE ATTACHED APPENDIX A (Listing 130 U.S. Provisional Patent Applications)

Application Ser. No.	Filing Date
----------------------	-------------

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PLEASE SEE ATTACHED APPENDIX B (Listing 5 U.S. and 28 PCT Patent Applications)

Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
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Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
----------------------	-------------	--------------------------------------

POWER OF ATTORNEY: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

09157

09157

PATENT TRADEMARK OFFICE

Ginger R. Dreger, Reg. No. 33,055, CUSTOMER NO. 30,313

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I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

Full name of sole or first inventor

Kevin P. Baker

Inventor's signature

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Dan L. Eaton

Dan Eaton

5-9-05

Inventor's signature

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Inventor's signature

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Inventor's signature

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Paul J. Godowski

Inventor's signature

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J. Christopher Grimaldi

Inventor's signature

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Inventor's signature

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Inventor's signature

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Full name of thirteenth joint inventor, if any

James Pan

Inventor's signature

Date

Residence

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Citizenship

CA

Post Office Address

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Full name of fourteenth joint inventor, if any

Nicholas F. Paoni

Inventor's signature

Date

Residence

1756 Terrace Drive, Belmont, CA 94002

Citizenship

USA

Post Office Address

1 DNA Way
South San Francisco, CA 94080

Full name of fifteenth joint inventor, if any

Margaret Ann Roy

Inventor's signature

Date

Residence

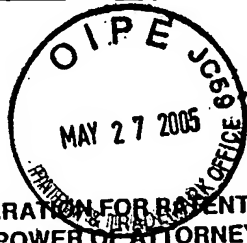
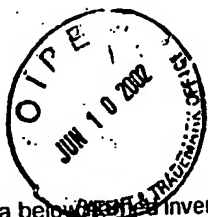
2960 Webster St., #4, San Francisco, CA 94123

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09946374.061002 # 8

Docket No. P2830P1C1

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Inventor's signature

Date

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1 DNA Way
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Full name of second joint inventor, if any

David Botstein

Inventor's signature

Date

10/03/01

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Full name of third joint inventor, if any

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Full name of fourth joint inventor, if any

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Dan Eaton

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Full name of fifth joint inventor, if any

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N Ferrara

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Full name of sixth joint inventor, if any

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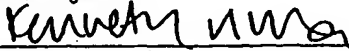
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Date

10/1/01

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James Pan



Date

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Inventor's signature

Date

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USA

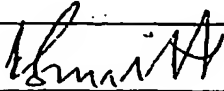
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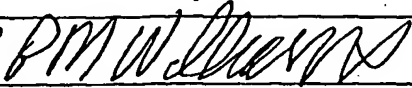
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Full name of twentieth joint inventor, if any

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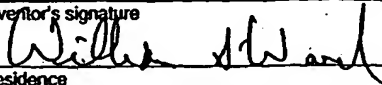
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Full name of twenty-first joint inventor, if any

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Inventor's signature



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Post Office Address

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APPENDIX A

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications listed below:

1. 60/098716 filed 9/1/98
2. 60/098723 filed 9/1/98
3. 60/098749 filed 9/1/98
4. 60/098750 filed 9/1/98
5. 60/098803 filed 9/2/98
6. 60/098821 filed 9/2/98
7. 60/098843 filed 9/2/98
8. 60/099536 filed 9/9/98
9. 60/099596 filed 9/9/98
10. 60/099598 filed 9/9/98
11. 60/099602 filed 9/9/98
12. 60/099642 filed 9/9/98
13. 60/099741 filed 9/10/98
14. 60/099754 filed 9/10/98
15. 60/099763 filed 9/10/98
16. 60/099792 filed 9/10/98
17. 60/099808 filed 9/10/98
18. 60/099812 filed 9/10/98
19. 60/099815 filed 9/10/98
20. 60/099816 filed 9/10/98
21. 60/100385 filed 9/15/98
22. 60/100388 filed 9/15/98
23. 60/100390 filed 9/15/98
24. 60/100584 filed 9/16/98
25. 60/100627 filed 9/16/98
26. 60/100661 filed 9/16/98
27. 60/100662 filed 9/16/98
28. 60/100664 filed 9/16/98
29. 60/100683 filed 9/17/98
30. 60/100684 filed 9/17/98
31. 60/100710 filed 9/17/98
32. 60/100711 filed 9/17/98
33. 60/100848 filed 9/18/98
34. 60/100849 filed 9/18/98
35. 60/100919 filed 9/17/98
36. 60/100930 filed 9/17/98
37. 60/101014 filed 9/18/98
38. 60/101068 filed 9/18/98
39. 60/101071 filed 9/18/98
40. 60/101279 filed 9/22/98
41. 60/101471 filed 9/23/98
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45. 60/101476 filed 9/23/98

46. 60/101477 filed 9/23/98
47. 60/101479 filed 9/23/98
48. 60/101738 filed 9/24/98
49. 60/101741 filed 9/24/98
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53. 60/102207 filed 9/29/98
54. 60/102240 filed 9/29/98
55. 60/102307 filed 9/29/98
56. 60/102330 filed 9/29/98
57. 60/102331 filed 9/29/98
58. 60/102484 filed 9/30/98
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68. 60/103328 filed 10/7/98
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72. 60/103449 filed 10/6/98
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74. 60/103678 filed 10/8/98
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77. 60/104257 filed 10/14/98
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81. 60/105104 filed 10/21/98
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87. 60/105881 filed 10/27/98
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95. 60/106178 filed 10/28/98
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100. 60/106856 filed 11/3/98
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104. 60/106932 filed 11/3/98
105. 60/106934 filed 11/3/98
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118. 60/108851 filed 11/18/98
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124. 60/113296 filed 12/22/98
125. 60/114223 filed 12/30/98
126. 60/129674 filed 4/16/99
127. 60/141037 filed 6/23/99
128. 60/144758 filed 7/20/99
129. 60/145698 filed 7/26/99
130. 60/162506 filed 10/29/99

APPENDIX B

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and PCT applications listed below:

US APPLICATIONS

1. 09/218517 filed 12/22/98
2. 09/284291 filed 4/12/99
3. 09/403297 filed 10/18/99
4. 09/872035 filed 6/1/01
5. 09/882636 filed 6/14/01

PCT APPLICATION

1. PCT/US99/00106 filed 1/5/99
2. PCT/US99/20111 filed 9/1/99
3. PCT/US99/21194 filed 9/15/99
4. PCT/US99/28313 filed 11/30/99
5. PCT/US99/28551 filed 12/2/99
6. PCT/US99/30095 filed 12/16/99
7. PCT/US00/00219 filed 1/5/00
8. PCT/US00/00376 filed 1/6/00
9. PCT/US00/03565 filed 2/11/00
10. PCT/US00/04342 filed 2/18/00
11. PCT/US00/05004 filed 2/24/00
12. PCT/US00/05841 filed 3/2/00
13. PCT/US00/06884 filed 3/15/00
14. PCT/US00/13705 filed 5/17/00
15. PCT/US00/14042 filed 5/22/00
16. PCT/US00/14941 filed 5/30/00
17. PCT/US00/15264 filed 6/2/00
18. PCT/US00/23328 filed 8/24/00
19. PCT/US00/23522 filed 8/23/00
20. PCT/US00/30873 filed 11/10/00
21. PCT/US00/30952 filed 11/8/00
22. PCT/US00/32678 filed 12/1/00
23. PCT/US01/06520 filed 2/28/01
24. PCT/US01/06666 filed 3/1/01
25. PCT/US01/17800 filed 6/1/01
26. PCT/US01/19692 filed 6/20/01
27. PCT/US01/21066 filed 6/29/01
28. PCT/US01/21735 filed 7/9/01



04946374.061002
Docket No. P2830P1C1

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I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s): Priority Claimed
Yes No

Number	Country	Day/Month/Year Filed
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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below:

PLEASE SEE ATTACHED APPENDIX A (Listing 130 U.S. Provisional Patent Applications)
Application Ser. No. Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PLEASE SEE ATTACHED APPENDIX B (Listing 5 U.S. and 28 PCT Patent Applications)
Application Ser. No. Filing Date Status: Patented, Pending, Abandoned

Application Ser. No. Filing Date Status: Patented, Pending, Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



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I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

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APPENDIX A

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications listed below:

1. 60/098716 filed 9/1/98
2. 60/098723 filed 9/1/98
3. 60/098749 filed 9/1/98
4. 60/098750 filed 9/1/98
5. 60/098803 filed 9/2/98
6. 60/098821 filed 9/2/98
7. 60/098843 filed 9/2/98
8. 60/099536 filed 9/9/98
9. 60/099596 filed 9/9/98
10. 60/099598 filed 9/9/98
11. 60/099602 filed 9/9/98
12. 60/099642 filed 9/9/98
13. 60/099741 filed 9/10/98
14. 60/099754 filed 9/10/98
15. 60/099763 filed 9/10/98
16. 60/099792 filed 9/10/98
17. 60/099808 filed 9/10/98
18. 60/099812 filed 9/10/98
19. 60/099815 filed 9/10/98
20. 60/099816 filed 9/10/98
21. 60/100385 filed 9/15/98
22. 60/100388 filed 9/15/98
23. 60/100390 filed 9/15/98
24. 60/100584 filed 9/16/98
25. 60/100627 filed 9/16/98
26. 60/100661 filed 9/16/98
27. 60/100662 filed 9/16/98
28. 60/100664 filed 9/16/98
29. 60/100683 filed 9/17/98
30. 60/100684 filed 9/17/98
31. 60/100710 filed 9/17/98
32. 60/100711 filed 9/17/98
33. 60/100848 filed 9/18/98
34. 60/100849 filed 9/18/98
35. 60/100919 filed 9/17/98
36. 60/100930 filed 9/17/98
37. 60/101014 filed 9/18/98
38. 60/101068 filed 9/18/98
39. 60/101071 filed 9/18/98
40. 60/101279 filed 9/22/98
41. 60/101471 filed 9/23/98
42. 60/101472 filed 9/23/98
43. 60/101474 filed 9/23/98
44. 60/101475 filed 9/23/98
45. 60/101476 filed 9/23/98

46. 60/101477 filed 9/23/98
47. 60/101479 filed 9/23/98
48. 60/101738 filed 9/24/98
49. 60/101741 filed 9/24/98
50. 60/101743 filed 9/24/98
51. 60/101915 filed 9/24/98
52. 60/101916 filed 9/24/98
53. 60/102207 filed 9/29/98
54. 60/102240 filed 9/29/98
55. 60/102307 filed 9/29/98
56. 60/102330 filed 9/29/98
57. 60/102331 filed 9/29/98
58. 60/102484 filed 9/30/98
59. 60/102487 filed 9/30/98
60. 60/102570 filed 9/30/98
61. 60/102571 filed 9/30/98
62. 60/102684 filed 10/1/98
63. 60/102687 filed 10/1/98
64. 60/102965 filed 10/2/98
65. 60/103258 filed 10/6/98
66. 60/103314 filed 10/7/98
67. 60/103315 filed 10/7/98
68. 60/103328 filed 10/7/98
69. 60/103395 filed 10/7/98
70. 60/103396 filed 10/7/98
71. 60/103401 filed 10/7/98
72. 60/103449 filed 10/6/98
73. 60/103633 filed 10/8/98
74. 60/103678 filed 10/8/98
75. 60/103679 filed 10/8/98
76. 60/103711 filed 10/8/98
77. 60/104257 filed 10/14/98
78. 60/104987 filed 10/20/98
79. 60/105000 filed 10/20/98
80. 60/105002 filed 10/20/98
81. 60/105104 filed 10/21/98
82. 60/105169 filed 10/22/98
83. 60/105266 filed 10/22/98
84. 60/105693 filed 10/26/98
85. 60/105694 filed 10/26/98
86. 60/105807 filed 10/27/98
87. 60/105881 filed 10/27/98
88. 60/105882 filed 10/27/98
89. 60/106023 filed 10/28/98
90. 60/106029 filed 10/28/98
91. 60/106030 filed 10/28/98
92. 60/106032 filed 10/28/98
93. 60/106033 filed 10/28/98
94. 60/106062 filed 10/27/98

95. 60/106178 filed 10/28/98
96. 60/106248 filed 10/29/98
97. 60/106384 filed 10/29/98
98. 60/108500 filed 10/29/98
99. 60/106464 filed 10/30/98
100. 60/106856 filed 11/3/98
101. 60/106902 filed 11/3/98
102. 60/106905 filed 11/3/98
103. 60/106919 filed 11/3/98
104. 60/106932 filed 11/3/98
105. 60/106934 filed 11/3/98
106. 60/107783 filed 11/10/98
107. 60/108775 filed 11/17/98
108. 60/108779 filed 11/17/98
109. 60/108787 filed 11/17/98
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111. 60/108801 filed 11/17/98
112. 60/108802 filed 11/17/98
113. 60/108806 filed 11/17/98
114. 60/108807 filed 11/17/98
115. 60/108848 filed 11/18/98
116. 60/108849 filed 11/18/98
117. 60/108850 filed 11/18/98
118. 60/108851 filed 11/18/98
119. 60/108852 filed 11/18/98
120. 60/108858 filed 11/18/98
121. 60/108867 filed 11/17/98
122. 60/108904 filed 11/18/98
123. 60/108925 filed 11/17/98
124. 60/113296 filed 12/22/98
125. 60/114223 filed 12/30/98
126. 60/129674 filed 4/16/99
127. 60/141037 filed 6/23/99
128. 60/144758 filed 7/20/99
129. 60/145698 filed 7/26/99
130. 60/162506 filed 10/29/99

APPENDIX B

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and PCT applications listed below:

US APPLICATIONS

1. 09/218517 filed 12/22/98
2. 09/284291 filed 4/12/99
3. 09/403297 filed 10/18/99
4. 09/872035 filed 6/1/01
5. 09/882636 filed 6/14/01

PCT APPLICATION

1. PCT/US99/00106 filed 1/5/99
2. PCT/US99/20111 filed 9/1/99
3. PCT/US99/21194 filed 9/15/99
4. PCT/US99/28313 filed 11/30/99
5. PCT/US99/28551 filed 12/2/99
6. PCT/US99/30095 filed 12/16/99
7. PCT/US00/00219 filed 1/5/00
8. PCT/US00/00376 filed 1/6/00
9. PCT/US00/03565 filed 2/11/00
10. PCT/US00/04342 filed 2/18/00
11. PCT/US00/05004 filed 2/24/00
12. PCT/US00/05841 filed 3/2/00
13. PCT/US00/06884 filed 3/15/00
14. PCT/US00/13705 filed 5/17/00
15. PCT/US00/14042 filed 5/22/00
16. PCT/US00/14941 filed 5/30/00
17. PCT/US00/15264 filed 6/2/00
18. PCT/US00/23328 filed 8/24/00
19. PCT/US00/23522 filed 8/23/00
20. PCT/US00/30873 filed 11/10/00
21. PCT/US00/30952 filed 11/8/00
22. PCT/US00/32678 filed 12/1/00
23. PCT/US01/06520 filed 2/28/01
24. PCT/US01/06666 filed 3/1/01
25. PCT/US01/17800 filed 6/1/01
26. PCT/US01/19692 filed 6/20/01
27. PCT/US01/21066 filed 6/29/01
28. PCT/US01/21735 filed 7/9/01



09046374 .061001
Docket No. P2830P1C1

COMBINED DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or X was filed on September 4, 2001 as Application Serial No. 09/946,374 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

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Prior Foreign Application(s):

Priority Claimed
Yes No

Number	Country	Day/Month/Year Filed
--------	---------	----------------------

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below:

PLEASE SEE ATTACHED APPENDIX A (Listing 130 U.S. Provisional Patent Applications)

Application Ser. No.	Filing Date
----------------------	-------------

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Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
----------------------	-------------	--------------------------------------

Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
----------------------	-------------	--------------------------------------

POWER OF ATTORNEY: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



09157

PATENT TRADEMARK OFFICE

Ginger R. Dreger, Reg. No. 33,055, CUSTOMER NO. 30,313

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Inventor's signature

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Date

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USA

Post Office Address

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South San Francisco, CA 94080

APPENDIX A

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications listed below:

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30. 60/100684 filed 9/17/98
31. 60/100710 filed 9/17/98
32. 60/100711 filed 9/17/98
33. 60/100848 filed 9/18/98
34. 60/100849 filed 9/18/98
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48. 60/101738 filed 9/24/98
49. 60/101741 filed 9/24/98
50. 60/101743 filed 9/24/98
51. 60/101915 filed 9/24/98
52. 60/101916 filed 9/24/98
53. 60/102207 filed 9/29/98
54. 60/102240 filed 9/29/98
55. 60/102307 filed 9/29/98
56. 60/102330 filed 9/29/98
57. 60/102331 filed 9/29/98
58. 60/102484 filed 9/30/98
59. 60/102487 filed 9/30/98
60. 60/102570 filed 9/30/98
61. 60/102571 filed 9/30/98
62. 60/102684 filed 10/1/98
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64. 60/102965 filed 10/2/98
65. 60/103258 filed 10/6/98
66. 60/103314 filed 10/7/98
67. 60/103315 filed 10/7/98
68. 60/103328 filed 10/7/98
69. 60/103395 filed 10/7/98
70. 60/103396 filed 10/7/98
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72. 60/103449 filed 10/6/98
73. 60/103633 filed 10/8/98
74. 60/103678 filed 10/8/98
75. 60/103679 filed 10/8/98
76. 60/103711 filed 10/8/98
77. 60/104257 filed 10/14/98
78. 60/104987 filed 10/20/98
79. 60/105000 filed 10/20/98
80. 60/105002 filed 10/20/98
81. 60/105104 filed 10/21/98
82. 60/105169 filed 10/22/98
83. 60/105266 filed 10/22/98
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86. 60/105807 filed 10/27/98
87. 60/105881 filed 10/27/98
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108. 60/108779 filed 11/17/98
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114. 60/108807 filed 11/17/98
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116. 60/108849 filed 11/18/98
117. 60/108850 filed 11/18/98
118. 60/108851 filed 11/18/98
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120. 60/108858 filed 11/18/98
121. 60/108867 filed 11/17/98
122. 60/108904 filed 11/18/98
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125. 60/114223 filed 12/30/98
126. 60/129674 filed 4/16/99
127. 60/141037 filed 6/23/99
128. 60/144758 filed 7/20/99
129. 60/145698 filed 7/26/99
130. 60/162506 filed 10/29/99

APPENDIX B

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and PCT applications listed below:

US APPLICATIONS

1. 09/218517 filed 12/22/98
2. 09/284291 filed 4/12/99⁴
3. 09/403297 filed 10/18/99
4. 09/872035 filed 6/1/01
5. 09/882636 filed 6/14/01

PCT APPLICATION

1. PCT/US99/00106 filed 1/5/99
2. PCT/US99/20111 filed 9/1/99
3. PCT/US99/21194 filed 9/15/99
4. PCT/US99/28313 filed 11/30/99
5. PCT/US99/28551 filed 12/2/99
6. PCT/US99/30095 filed 12/16/99
7. PCT/US00/00219 filed 1/5/00
8. PCT/US00/00376 filed 1/6/00
9. PCT/US00/03565 filed 2/11/00
10. PCT/US00/04342 filed 2/18/00
11. PCT/US00/05004 filed 2/24/00
12. PCT/US00/05841 filed 3/2/00
13. PCT/US00/06884 filed 3/15/00
14. PCT/US00/13705 filed 5/17/00
15. PCT/US00/14042 filed 5/22/00
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17. PCT/US00/15264 filed 6/2/00
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22. PCT/US00/32678 filed 12/1/00
23. PCT/US01/06520 filed 2/28/01
24. PCT/US01/06666 filed 3/1/01
25. PCT/US01/17800 filed 6/1/01
26. PCT/US01/19692 filed 6/20/01
27. PCT/US01/21066 filed 6/29/01
28. PCT/US01/21735 filed 7/9/01



09946374.061002
Docket No. P2830P1C1

COMBINED DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or X was filed on September 4, 2001 as Application Serial No. 09/946,374 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Priority Claimed
Yes No

Number	Country	Day/Month/Year Filed
--------	---------	----------------------

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below:

PLEASE SEE ATTACHED APPENDIX A (Listing 130 U.S. Provisional Patent Applications)

Application Ser. No.	Filing Date
----------------------	-------------

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PLEASE SEE ATTACHED APPENDIX B (Listing 5 U.S. and 28 PCT Patent Applications)

Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
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Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
----------------------	-------------	--------------------------------------

POWER OF ATTORNEY: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with the following Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



09157

PATENT TRADEMARK OFFICE

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I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

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46. 60/101477 filed 9/23/98
47. 60/101479 filed 9/23/98
48. 60/101738 filed 9/24/98
49. 60/101741 filed 9/24/98
50. 60/101743 filed 9/24/98
51. 60/101915 filed 9/24/98
52. 60/101916 filed 9/24/98
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55. 60/102307 filed 9/29/98
56. 60/102330 filed 9/29/98
57. 60/102331 filed 9/29/98
58. 60/102484 filed 9/30/98
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68. 60/103328 filed 10/7/98
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80. 60/105002 filed 10/20/98
81. 60/105104 filed 10/21/98
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91. 60/106030 filed 10/28/98
92. 60/106032 filed 10/28/98
93. 60/106033 filed 10/28/98
94. 60/106062 filed 10/27/98

APPENDIX A

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications listed below:

1. 60/098716 filed 9/1/98
2. 60/098723 filed 9/1/98
3. 60/098749 filed 9/1/98
4. 60/098750 filed 9/1/98
5. 60/098803 filed 9/2/98
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7. 60/098843 filed 9/2/98
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14. 60/099754 filed 9/10/98
15. 60/099763 filed 9/10/98
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17. 60/099808 filed 9/10/98
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19. 60/099815 filed 9/10/98
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45. 60/101476 filed 9/23/98

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114. 60/108807 filed 11/17/98
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116. 60/108849 filed 11/18/98
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121. 60/108867 filed 11/17/98
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123. 60/108925 filed 11/17/98
124. 60/113296 filed 12/22/98
125. 60/114223 filed 12/30/98
126. 60/129674 filed 4/16/99
127. 60/141037 filed 6/23/99
128. 60/144758 filed 7/20/99
129. 60/145698 filed 7/26/99
130. 60/162506 filed 10/29/99

APPENDIX B

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and PCT applications listed below:

US APPLICATIONS

1. 09/218517 filed 12/22/98
2. 09/284291 filed 4/12/99
3. 09/403297 filed 10/18/99
4. 09/872035 filed 6/1/01
5. 09/882636 filed 6/14/01

PCT APPLICATION

1. PCT/US99/00106 filed 1/5/99
2. PCT/US99/20111 filed 9/1/99
3. PCT/US99/21194 filed 9/15/99
4. PCT/US99/28313 filed 11/30/99
5. PCT/US99/28551 filed 12/2/99
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7. PCT/US00/00219 filed 1/5/00
8. PCT/US00/00376 filed 1/6/00
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24. PCT/US01/06666 filed 3/1/01
25. PCT/US01/17800 filed 6/1/01
26. PCT/US01/19692 filed 6/20/01
27. PCT/US01/21066 filed 6/29/01
28. PCT/US01/21735 filed 7/9/01



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<second sequence: ss.DNA65408 (length = 573)

<271 matches in an overlap of 573: 47.29 percent similarity
<gaps in first sequence: 1 (2 bases), gaps in second sequence: 12 (168 bases)
<score: 646 (match = 3, mismatch = 0, gap penalty = 8 + 1 per base)
<endgaps not penalized

AR564551 Sequence 18 from patent US 6764677. 2283 bp,
DNA, linear, PAT 08-OCT-2004
ACCESSION AR564551
VERSION AR564551.1 GI:53979962
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 2283)
AUTHORS Sharp, J.D. and Barnes, T.M.
TITLE Tango 294, a lipase-like protein
JOURNAL Patent: US 6764677-A 18 20-JUL-2004;
Millennium Pharmaceuticals, Inc.; Cambridge, MA
FEATURES Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"
BASE COUNT
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	130	140	150	160	170	180
ss.AR564551	AGGGTCAGATACTATGCAGGGGATGAACGTAGGGCACTTAGCTTCTTCCACCAGAAGGGC					
	190	200	210	220	230	240
ss.AR564551	CTCCAGGATTTTGACACTCTGCTCCTGAGTGGTGATGGAAATACTCTCTACGTGGGGGCT					
	250	260	270	280	290	300
ss.AR564551	CGAGAAGCCATTCTGGCCTTGATATCCAGGATCCAGGGGTCCCAGGCTAAAGAACATG					
	310	320	330	340	350	360
ss.AR564551	ATACCGTGGCCAGCCAGTGACAGAAAAAGAGTGAATGTGCCTTTAAGAAGAAGAGCAAT					
					****	***
ss.DNA65408					CAGAAATGCAGG	
					10	
	370	380	390	400	410	
ss.AR564551	GAGACACAGTGTTCAA--CTTCATCCGTGTCCTGGTTTCTTACAATGTACCCATCTCT					
	**	*	***	*	***	**
ss.DNA65408	GACCATTGCTTCTTCCAGGCCTCTGCTTCTGCTGAGCCTCTTTGGAGCTGTGACTCAGA					
	20	30	40	50	60	70
	420	430	440	450	460	470
ss.AR564551	ACACCTGCGGCACCTTCGCCTTCAGCCCTGCTTGTACCTTCATTGAACCTTCAAGATTCT					

```

* ***      ***  **      **** *      * * * * *      * * * * *      * *
ss.DNA65408  AAACCAAACTTCCTGTGCTAAGTGCCTCCCAATGCTTCCTGTG----TCAATAAACT
              80          90          100          110          120

ss.AR564551  480          490          500          510          520          530
ACCTGTTGCCCATCTCGGAGGACAAGGTCATGGAGGAAAAGGCCAAAGCCCCTTTGACC
      ***      *      *      *      *      *      *      *      *      *      *
ss.DNA65408  CACTGCACCTGCAACCATGGATATACTTCTGGATCTGGGCAGAACTATTACATTCCCC
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ss.AR564551  540          550          560          570          580          590
CCGCTCACAAGCATACGGCTGTCTTGGTGGATGGGATGCTCTATTCTGGTACTATGAACA
      *      *** * * * * * * * * * * * * * * * * * * * * * * * * *
ss.DNA65408  TTGGAGACATGTA-ACGCCAGGCATGGTGGCTCGCGCCTGTAATCCCAGTTCTTTGGGAA
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ss.AR564551  600          610          620          630          640          650
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      **      *****      *      * * * * * * *      * *      * *      * * * * * * *
ss.DNA65408  ---GCCAAGGCAGGTGGATCA-CCTGAGGTCAGGAGTTTGAGACCAGCCTGGCCAACATA
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ss.AR564551  660          670          680          690          700          710
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      ** *
ss.DNA65408  GTGAAA-----

ss.AR564551  720          730          740          750          760          770
CCCAGGTCGTCTACTTCTTCTTCGAGGAGACAGCCAGCGAGTTTGACTTCTTTGAGAGGC
ss.DNA65408  -----

ss.AR564551  780          790          800          810          820          830
TCCACACATCGCGGTGGCTAGAGTCTGCAAGAATGACGTGGGCGGCGAAAAGCTGTGTC
      *      * * * * * * * * * *      * * * * * * * * *
ss.DNA65408  -----CCCCGTGTCTACTAAAATA-----CAAAAATCAGC--C
              310          320          330          340

ss.AR564551  840          850          860          870          880          890
AGAAGAAGTGGACCACCTTCCTGAAGGCCAGCTGCTCTGCACCCAGCCGGGGCAGCTGC
      *      * * * * * * * * * * * * * * * * * * * * * * *
ss.DNA65408  GGGCGTGGTGGTGCA--TGCCTGCAATCCAGTTACTCGGGAGGCTGAGGCAGGAGAATC
350          360          370          380          390

ss.AR564551  900          910          920          930          940          950
CCTTCAACGTCATCCGCCACGCGTCTGCTCCCCGCCGATTCTCCACAGCTCCCCACA
      *** * * * * * * * * * * * * * * * * * * * * * *
ss.DNA65408  GCTTGAAC-TCAGGAGGCAGAAGTTGCAG-TGAACCCAGATCCTGCCATTGCACTCCAGC
400          410          420          430          440          450

ss.AR564551  960          970          980          990          1000          1010
TCTACGCAGTCTTCACCTCCCAGTGGCAGGTTGGCGGGACCAGGAGCTCTGCGGTTTGTG
      *      **      * * * * * *      *      **      *      * * * *
ss.DNA65408  ATGGATGACAGAGCAAGACTCCGTCTCAAAAAGAAAAGA-----TAGTTTCTTGTG
460          470          480          490          500

```

	1020	1030	1040	1050	1060	1070
ss.AR564551	CCTTCTCTCTCTTGGACATTGAACGTGTCTTTAAGGGGAAATACAAAGAGTTGAACAAAG					
	* * * * * * * * * * * * * * *					
ss.DNA65408	TCATTTTCGCGACTGCCCTCTCA---GTGTTTCCTGGGATCCCCTCCCAAATAAGTACT					
	510	520	530	540	550	560
	1080	1090	1100	1110	1120	1130
ss.AR564551	AAACTTCACGCTGGACTACTTATAGGGGCCCTGAGACCAACCCCGGCCAGGCAGTTGCT					
	* * * * *					
ss.DNA65408	TATATTCTC					
	570					
	1140	1150	1160	1170	1180	1190
ss.AR564551	CAGTGGGCCCCCTCCTCTGATAAGGCCCTGACCTTCATGAAGGACCATTTCCTGATGGATG					
	1200	1210	1220	1230	1240	1250
ss.AR564551	AGCAAGTGGTGGGGACGCCCTGCTGGTGAAATCTGGCGTGGAGTATACACGGCTTGCAG					
	1260	1270	1280	1290	1300	1310
ss.AR564551	TGGAGACAGCCAGGGCCTTGATGGGCACAGCCATCTTGTCATGTACCTGGGAACCACCA					
	1320	1330	1340	1350	1360	1370
ss.AR564551	CAGGGTCGCTCCACAAGGCTGTGGTAAGTGGGGACAGCAGTGCTCATCTGGTGGAAGAGA					
	1380	1390	1400	1410	1420	1430
ss.AR564551	TTCAGCTGTTCCCTGACCCTGAACCTGTTTCGCAACCTGCAGCTGGCCCCACCCAGGGTG					
	1440	1450	1460	1470	1480	1490
ss.AR564551	CAGTGTGTTGTAGGCTTCTCAGGAGGTGTCTGGAGGGTGCCCCGAGCCAAGTGTAGTGTCT					
	1500	1510	1520	1530	1540	1550
ss.AR564551	ATGAGAGCTGTGTGGACTGTGTCCTTGCCCCGGGACCCCCACTGTGCCTGGGACCCTGAGT					
	1560	1570	1580	1590	1600	1610
ss.AR564551	CCCGAACCTGTTGCCTCCTGTCTGCCCCAACCTGAACTCCTGGAAGCAGGACATGGAGC					
	1620	1630	1640	1650	1660	1670
ss.AR564551	GGGGGAACCCAGAGTGGGCATGTGCCAGTGGCCCCATGAGCAGGAGCCTTCGGCCTCAGA					
	1680	1690	1700	1710	1720	1730
ss.AR564551	GCCGCCCCGCAAATCATTAAGAAGTCCTGGCTGTCCCCAACTCCATCCTGGAGCTCCCCCT					
	1740	1750	1760	1770	1780	1790
ss.AR564551	GCCCCACCTGTCAGCCTTGGCCTCTTATTATTGGAGTCATGGCCCAGCAGCAGTCCCAG					
	1800	1810	1820	1830	1840	1850
ss.AR564551	AAGCCTCTTCCACTGTCTACAATGGCTCCCTCTTGCTGATAGTGCAGGATGGAGTTGGGG					
	1860	1870	1880	1890	1900	1910
ss.AR564551	GTCTCTACCAGTGCTGGGCAACTGAGAATGGCTTTTCATACCCTGTGATCTCCTACTGGG					
	1920	1930	1940	1950	1960	1970
ss.AR564551	TGGACAGCCAGGACCAGACCCTGGCCCTGGATCCTGAACTGGCAGGCATCCCCGGGAGC					
	1980	1990	2000	2010	2020	2030
ss.AR564551	ATGTGAAGGTCCCGTTGACCAGGGTCAGTGGTGGGGCCGCCCTGGCTGCCAGCAGTCCT					

2040 2050 2060 2070 2080 2090
ss.AR564551 ACTGGCCCCACTTTGTCACTGTCACTGTCCTCTTTGCCTTAGTGCTTTCAGGAGCCCTCA

2100 2110 2120 2130 2140 2150
ss.AR564551 TCATCCTCGTGGCCTCCCCATTGAGAGCACTCCGGGCTCGGGGCAAGGTTTCAGGGCTGTG

2160 2170 2180 2190 2200 2210
ss.AR564551 AGACCCTGCGCCCTGGGGAGAAGGCCCCGTTAAGCAGAGAGCAACACCTCCAGTCTCCCA

2220 2230 2240 2250 2260 2270
ss.AR564551 AGGAATGCAGGACCTCTGCCAGTGATGTGGACGCTGACAACAACCTGCCTAGGCACTGAGG

2280
ss.AR564551 TAGCT

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